Name of work:Improvements to CC Roads and RCC Drains at Right Side Cross Roads of 2nd Main Road Kuvempu Nagara, and Surrounding area in Ward No.05

Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
	Pre measurements								
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. 01/06/2020 – 15/06/2020								
	For RCC drain								
	Right Side Cross roads from 2nd main road								
	RHS-3rd B Cross from 2nd main road								
	LHS	1	30.00			1.10	1.00	33.00	
		1	27.40			1.10	1.00	30.14	
		1	12.50			1.10	1.00	13.75	
		1	6.50			1.10	1.00	7.15	
	LHS-3rd B Cross from 2nd main road								
	RHS	1	30.00			1.10	1.00	33.00	
		1	30.00			1.10	1.00	33.00	
		1	11.30			1.10	1.00	12.43	
	4th B Cross from 2nd main road								
	RHS	1	30.00			1.10	1.00	33.00	
		1	30.00			1.10	1.00	33.00	
		1	13.00			1.10	1.00	14.30	
	LHS								
		1	30.00			1.10	1.00	33.00	
		1	30.00			1.10	1.00	33.00	
		1	13.00			1.10	1.00	14.30	
	5th B Cross from 2nd main road								
	RHS	1	30.00			1.10	1.00	33.00	
		1	30.00			1.10	1.00	33.00	
		1	19.30			1.10	1.00	21.23	
	LHS								
		1	30.00			1.10	1.00	33.00	
		1	30.00			1.10	1.00	33.00	
		1	19.30			1.10	1.00	21.23	
	6th B Cross from 2nd main road								
	RHS								
		1	30.00			1.10	1.00	33.00	
		1	30.00			1.10	1.00	33.00	
		1	24.00			1.10	1.00	26.40	
	LHS								
		1	30.00			1.10	1.00	33.00	
		1	30.00			1.10	1.00	33.00	
		1	24.00			1.10	1.00	26.40	
	7th B Cross from 2nd main road								
	RHS	1	30.00			1.10	1.00	33.00	
		1	30.00			1.10	1.00	33.00	
		1	25.00			1.10	1.00	27.50	
	LHS								
		1	7.60			1.10	1.00	8.36	
			30.00			1.10	1.00	33.00	

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Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
		1	30.00			1.10	1.00	33.00	
		1	17.00			1.10	1.00	18.70	
	For RCC Culvert								
	Culvert at 3rd B cross	1	7.80			1.70	1.00	13.26	
	Culvert at 4th B cross	1	7.00			1.70	1.00	11.90	
	Culvert at 5th B cross	1	7.00			1.70	1.00	11.90	
	Culvert at 6th B cross	1	5.30			1.70	1.00	9.01	
	Culvert at 7th B cross	1	5.60			1.70	1.00	9.52	
		1	5.60			1.70	1.00	9.52	
	For CC Road								
	6th B Cross from 2nd main road								
		1	30.00	5.30	5.80	5.55	0.30	49.95	
		1	30.00	5.80	5.60	5.70	0.30	51.30	
		1	23.40	5.60	6.20	5.90	0.30	41.42	
	7th B Cross from Dead End								
		1	8.60	6.70	6.70	6.70	0.30	17.29	
		1	30.00	5.70	5.50	5.60	0.30	50.40	
		1	30.00	5.50	5.60	5.55	0.30	49.95	
		1	22.70	5.60	5.00	5.30	0.30	36.09	
	Deductions								
	6th B Cross from 2nd main road								
	Ramp	-1	6.00	0.60	0.60	0.60	0.30	-1.08	
	7th B Cross from Dead End								
	Electric Pole	-4	0.20	0.20	0.20	0.20	0.30	-0.05	
	Trees Area	-2	0.30	0.30	0.30	0.30	0.30	-0.05	
							Present Qty	**1229.22**	**Cum**
							Limited to	**1179.63**	**Cum**

15/6/2020
Assistant Engineer
Ward No.05

Asst. Executive Engineer, 15/6/2020
Byatarayanapura Sub division

2	Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. 16/06/2020 - 30/06/2020								
	For RCC drain								
	Right Side Cross roads from 2nd main road								
	3rd B Cross from 2nd main road								
	LHS	1	30.00			1.10	0.15	4.95	
		1	27.40			1.10	0.15	4.52	
		1	12.50			1.10	0.15	2.06	
		1	6.50			1.10	0.10	0.72	
	LHS-3rd B Cross from 2nd main road								
	RHS	1	30.00			1.10	0.15	4.95	
		1	30.00			1.10	0.15	4.95	
		1	11.30			1.10	0.10	1.24	
	4th B Cross from 2nd main road								

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Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
	RHS	1	30.00			1.10	0.15	4.95	
		1	30.00			1.10	0.15	4.95	
		1	13.00			1.10	0.15	2.15	
	LHS								
		1	30.00			1.10	0.15	4.95	
		1	30.00			1.10	0.15	4.95	
		1	13.00			1.10	0.15	2.15	
	5th B Cross from 2nd main road								
	RHS	1	30.00			1.10	0.15	4.95	
		1	30.00			1.10	0.15	4.95	
		1	19.30			1.10	0.15	3.18	
	LHS								
		1	30.00			1.10	0.15	4.95	
		1	30.00			1.10	0.15	4.95	
		1	19.30			1.10	0.15	3.18	
	6th B Cross from 2nd main road								
	RHS								
		1	30.00			1.10	0.15	4.95	
		1	30.00			1.10	0.15	4.95	
		1	24.00			1.10	0.15	3.96	
	LHS								
		1	30.00			1.10	0.15	4.95	
		1	30.00			1.10	0.15	4.95	
		1	24.00			1.10	0.15	3.96	
	7th B Cross from 2nd main road								
	RHS	1	30.00			1.10	0.15	4.95	
		1	30.00			1.10	0.15	4.95	
		1	25.00			1.10	0.15	4.13	
	LHS								
		1	7.60			1.10	0.15	1.25	
		1	30.00			1.10	0.15	4.95	
		1	30.00			1.10	0.15	4.95	
		1	17.00			1.10	0.15	2.81	
	For RCC Culvert								
	Culvert at 3rd B cross	1	7.80			1.70	0.15	1.99	
	Culvert at 4th B cross	1	7.00			1.70	0.15	1.79	
	Culvert at 5th B cross	1	7.00			1.70	0.15	1.79	
	Culvert at 6th B cross	1	5.30			1.70	0.15	1.35	
	Culvert at 7th B cross	1	5.60			1.70	0.15	1.43	
		1	5.60			1.70	0.15	1.43	
	For CC Road								
	6th B Cross from 2nd main road								
		1	30.00	5.30	5.80	5.55	0.15	24.98	
		1	30.00	5.80	5.60	5.70	0.15	25.65	
		1	23.40	5.60	6.20	5.90	0.10	13.81	
	7th B Cross from Dead End								
		1	8.60	6.70	6.70	6.70	0.10	5.76	
		1	30.00	5.70	5.50	5.60	0.15	25.20	
		1	30.00	5.50	5.60	5.55	0.15	24.98	
		1	22.70	5.60	5.00	5.30	0.10	12.03	

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Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
	Deductions								
	6th B Cross from 2nd main road								
	Ramp	-1	6.00	0.60	0.60	0.60	0.15	-0.54	
	7th B Cross from Dead End								
	Electric Pole	-4	0.20	0.20	0.20	0.20	0.15	-0.02	
	Trees Area	-2	0.30	0.30	0.30	0.30	0.15	-0.03	
							Present Qty	**270.93**	**Cum**

20/6/2020
Assistant Engineer
Ward No.05

20/6/2020
Asst. Executive Engineer
Byatarayanapura Sub division

4	Providing T.M.T steel reinforcement for R.C.C workincluding straightening, cutting, bending, hooking, placing in position,lapping and / or welding wherever required, tying with binding wire andanchoring to the adjoining members wherever necessary complete asper design (laps, hooks and wastage shall not be measured and paid)cost of materials, labour, HOM of machinery complete as perspecifications. 01/07/2020 — 15/07/2020							
		No	**Length**	**Breadth**	**Kg/Mtr**	**Qty**	**Unit**	
	Kuvempu Nagara							
	RHS-3rd B Cross From Main road							
	LHS							
	Total Drain length=76.40Mtr							
	Main bar 10mm dia bar @ 125mm c/c							
	0.62kg/mtr	611	2.30		0.62	871.29		
	Distribution bar 10mm dia @ 125mm c/c							
	0.62kg/mtr	19	76.40		0.62	899.99		
	LHS-3rd B Cross From Main road							
	Total Drain length=60.00Mtr							
	Main bar 10mm dia bar @ 125mm c/c							
	0.62kg/mtr	480	2.30		0.62	684.48		
	Distribution bar 10mm dia @ 125mm c/c							
	0.62kg/mtr	19	60.00		0.62	706.80		
	Total Drain length=11.30Mtr							
	Main bar 10mm dia bar @ 125mm c/c							
	0.62kg/mtr	90	2.30		0.62	128.34		
	Distribution bar 10mm dia @ 125mm c/c							
	0.62kg/mtr	19	11.30		0.62	133.11		
	4th B Cross							
	LHS							
	Total Drain length=60.00Mtr							
	Main bar 10mm dia bar @ 125mm c/c							
	0.62kg/mtr	480	2.30		0.62	684.48		
	Distribution bar 10mm dia @ 125mm c/c							
	0.62kg/mtr	19	60.00		0.62	706.80		
	Total Drain length=13.00Mtr							
	Main bar 10mm dia bar @ 125mm c/c							

15/7/2020

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Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
	0.62kg/mtr								
		104	2.30		0.62	148.30			
	Distribution bar 10mm dia @ 125mm c/c								
	0.62kg/mtr	19	13.00		0.62	153.14			
	RHS								
	Total Drain length=60.00Mtr								
	Main bar 10mm dia bar @ 125mm c/c								
	0.62kg/mtr								
		480	2.30		0.62	684.48			
	Distribution bar 10mm dia @ 125mm c/c								
	0.62kg/mtr	19	60.00		0.62	706.80			
	Total Drain length=13.00Mtr								
	Main bar 10mm dia bar @ 125mm c/c								
	0.62kg/mtr								
		104	2.30		0.62	148.30			
	Distribution bar 10mm dia @ 125mm c/c								
	0.62kg/mtr	19	13.00		0.62	153.14			
	5th B Cross								
	LHS								
	Total Drain length=60.00Mtr								
	Main bar 10mm dia bar @ 125mm c/c								
	0.62kg/mtr								
		480	2.30		0.62	684.48			
	Distribution bar 10mm dia @ 125mm c/c								
	0.62kg/mtr	19	60.00		0.62	706.80			
	Total Drain length=19.30Mtr								
	Main bar 10mm dia bar @ 125mm c/c								
	0.62kg/mtr								
		154	2.30		0.62	219.60			
	Distribution bar 10mm dia @ 125mm c/c								
	0.62kg/mtr	19	19.30		0.62	227.35			
	RHS								
	Total Drain length=60.00Mtr								
	Main bar 10mm dia bar @ 125mm c/c								
	0.62kg/mtr								
		480	2.30		0.62	684.48			
	Distribution bar 10mm dia @ 125mm c/c								
	0.62kg/mtr	19	60.00		0.62	706.80			
	Total Drain length=19.30Mtr								
	Main bar 10mm dia bar @ 125mm c/c								
	0.62kg/mtr								
		154	2.30		0.62	219.60			
	Distribution bar 10mm dia @ 125mm c/c								
	0.62kg/mtr	19	19.30		0.62	227.35			
	6th B Cross								
	LHS								
	Total Drain length=60.00Mtr								
	Main bar 10mm dia bar @ 125mm c/c								
	0.62kg/mtr								
		480	2.30		0.62	684.48			

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Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
	Distribution bar 10mm dia @ 125mm c/c								
	0.62kg/mtr	19	60.00		0.62	706.80			
	Total Drain length=24.00Mtr								
	Main bar 10mm dia bar @ 125mm c/c								
	0.62kg/mtr								
		192	2.30		0.62	273.79			
	Distribution bar 10mm dia @ 125mm c/c								
	0.62kg/mtr	19	24.00		0.62	282.72			
	RHS								
	Total Drain length=60.00Mtr								
	Main bar 10mm dia bar @ 125mm c/c								
	0.62kg/mtr								
		480	2.30		0.62	684.48			
	Distribution bar 10mm dia @ 125mm c/c								
	0.62kg/mtr	19	60.00		0.62	706.80			
	Total Drain length=24.00Mtr								
	Main bar 10mm dia bar @ 125mm c/c								
	0.62kg/mtr								
		192	2.30		0.62	273.79			
	Distribution bar 10mm dia @ 125mm c/c								
	0.62kg/mtr	19	24.00		0.62	282.72			
	7th B Cross								
	RHS								
	Total Drain length=60.00Mtr								
	Main bar 10mm dia bar @ 125mm c/c								
	0.62kg/mtr								
		480	2.30		0.62	684.48			
	Distribution bar 10mm dia @ 125mm c/c								
	0.62kg/mtr	19	60.00		0.62	706.80			
	Total Drain length=25.00Mtr								
	Main bar 10mm dia bar @ 125mm c/c								
	0.62kg/mtr								
		200	2.30		0.62	285.20			
	Distribution bar 10mm dia @ 125mm c/c								
	0.62kg/mtr	19	25.00		0.62	294.50			
	LHS								
	Total Drain length=7.60Mtr								
	Main bar 10mm dia bar @ 125mm c/c								
	0.62kg/mtr								
		61	2.30		0.62	86.99			
	Distribution bar 10mm dia @ 125mm c/c								
	0.62kg/mtr	19	7.60		0.62	89.53			
	Total Drain length=60.00Mtr								
	Main bar 10mm dia bar @ 125mm c/c								
	0.62kg/mtr								
		480	2.30		0.62	684.48			
	Distribution bar 10mm dia @ 125mm c/c								
	0.62kg/mtr	19	60.00		0.62	706.80			
	Total Drain length=17.00Mtr								
	Main bar 10mm dia bar @ 125mm c/c								

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Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
	0.62kg/mtr								
		136	2.30		0.62	193.94			
	Distribution bar 10mm dia @ 125mm c/c								
	0.62kg/mtr	19	17.00		0.62	200.26			
	For RCC Culvert								
	Culvert at 3rd B cross								
	Total Drain length=7.80m								
	Main bar 12mm dia bar @ 125mm c/c								
	0.89kg/mtr								
	Top	62	3.00		0.89	165.54			
	Bottom	62	3.00		0.89	165.54			
	Distribution bar								
	Distribution bar 10mm dia @ 150mm c/c								
	0.62kg/mtr Top	20	7.80		0.62	96.72			
	Bottom	20	7.80		0.62	96.72			
	Culvert at 4th B cross								
	Total Drain length=7.00m								
	Main bar 12mm dia bar @ 125mm c/c								
	0.89kg/mtr								
	Top	55	2.80		0.89	137.06			
	Bottom	55	2.80		0.89	137.06			
	Distribution bar								
	Distribution bar 10mm dia @ 150mm c/c								
	0.62kg/mtr Top	19	7.00		0.62	82.46			
	Bottom	19	7.00		0.62	82.46			
	Culvert at 5th B cross								
	Total Drain length=7.00m								
	Main bar 12mm dia bar @ 150mm c/c								
	0.89kg/mtr								
	Top	47	3.00		0.89	125.49			
	Bottom	47	3.00		0.89	125.49			
	Distribution bar								
	Distribution bar 10mm dia @ 150mm c/c								
	0.62kg/mtr Top	20	7.00		0.62	86.80			
	Bottom	20	7.00		0.62	86.80			
	Culvert at 6th B cross								
	Total Drain length=5.30m								
	Main bar 12mm dia bar @ 150mm c/c								
	0.89kg/mtr								
	Top	35	2.80		0.89	87.22			
	Bottom	35	2.80		0.89	87.22			
	Distribution bar								
	Distribution bar 10mm dia @ 150mm c/c								
	0.62kg/mtr Top	19	5.30		0.62	62.43			
	Bottom	19	5.30		0.62	62.43			
	Culvert at 7th B cross								
	Total Drain length=5.60m								
	Main bar 12mm dia bar @ 150mm c/c								
	0.89kg/mtr								
	Top	37	2.80		0.89	92.20			

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Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
	Bottom	37	2.80		0.89	92.20			
	Distribution bar								
	Distribution bar 10mm dia @ 150mm c/c								
	0.62kg/mtr Top	19	5.60		0.62	65.97			
	Bottom	19	5.60		0.62	65.97			
	Total Drain length=5.60m								
	Main bar 12mm dia bar @ 150mm c/c								
	0.89kg/mtr								
	Top	39	2.80		0.89	97.19			
	Bottom	39	2.80		0.89	97.19			
	Distribution bar								
	Distribution bar 10mm dia @ 150mm c/c								
	0.62kg/mtr Top	19	5.60		0.62	65.97			
	Bottom	19	5.60		0.62	65.97			
					Present Qty	**20644.59**	**Kg**		
					Present Qty	**20.64**	**Tonne**		

15/07/2020

Assistant Engineer
Ward No.05

Asst. Executive Engineer,
Byatarayanapura Sub division

7	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by manual means without disturbing the base and stacking of the debris materials including cost of all labour charges complete as per specifications. 17/07/2020 — 24/07/2020								
	For CC Road								
	6th B Cross from 2nd main road								
		1	30.00	5.30	5.80	5.55		166.50	
		1	30.00	5.80	5.60	5.70		171.00	
		1	23.40	5.60	6.20	5.90		138.06	
	7th B Cross from Dead End								
		1	8.60	6.70	6.70	6.70		57.62	
		1	30.00	5.70	5.50	5.60		168.00	
		1	30.00	5.50	5.60	5.55		166.50	
		1	22.70	5.60	5.00	5.30		120.31	
	Deductions								
	6th B Cross from 2nd main road								
	Ramp	-1	6.00	0.60	0.60	0.60		-3.60	
	7th B Cross from Dead End								
	Electric Pole	-4	0.20	0.20	0.20	0.20		-0.16	
	Trees Area	-2	0.30	0.30	0.30	0.30		-0.18	
							Present Qty	**984.05**	**Sqm**
							Limited to	**866.50**	**Sqm**

24/7/2020

Assistant Engineer
Ward No.05

Asst. Executive Engineer 24/7/2020
Byatarayanapura Sub division

8	Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3	

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Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
	For CC Road								
	6th B Cross from 2nd main road								
		1	30.00	5.30	5.80	5.55		166.50	
		1	30.00	5.80	5.60	5.70		171.00	
		1	23.40	5.60	6.20	5.90		138.06	
	7th B Cross from Dead End								
		1	8.60	6.70	6.70	6.70		57.62	
		1	30.00	5.70	5.50	5.60		168.00	
		1	30.00	5.50	5.60	5.55		166.50	
		1	22.70	5.60	5.00	5.30		120.31	
	Deductions								
	6th B Cross from 2nd main road								
	Ramp	-1	6.00	0.60	0.60	0.60		-3.60	
	7th B Cross from Dead End								
	Electric Pole	-4	0.20	0.20	0.20	0.20		-0.16	
	Trees Area	-2	0.30	0.30	0.30	0.30		-0.18	
							Present Qty	984.05	Sqm
							Limited to	866.50	Sqm

24/7/2020

Assistant Engineer
Ward No.05

24/7/2020

Asst. Executive Engineer
Byatarayanapura Sub division

9	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap I basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve thedesired density complete as per specifications. 27/07/2020 to 31/07/2020								
	For CC Road								
	6th B Cross from 2nd main road								
		1	30.00	5.30	5.80	5.55	0.15	24.98	
		1	30.00	5.80	5.60	5.70	0.15	25.65	
		1	23.40	5.60	6.20	5.90	0.10	13.81	
	7th B Cross from Dead End								
		1	8.60	6.70	6.70	6.70	0.10	5.76	
		1	30.00	5.70	5.50	5.60	0.15	25.20	
		1	30.00	5.50	5.60	5.55	0.15	24.98	
		1	22.70	5.60	5.00	5.30	0.10	12.03	
	Deductions								
	6th B Cross from 2nd main road								
	Ramp	-1	6.00	0.60	0.60	0.60	0.15	-0.54	
	7th B Cross from Dead End								
	Electric Pole	-4	0.20	0.20	0.20	0.20	0.15	-0.02	
	Trees Area	-2	0.30	0.30	0.30	0.30	0.15	-0.03	
							Present Qty	131.81	Cum
							Limited to	129.98	Cum

31/7/2020

Assistant Engineer
Ward No.05

24/7/2020

Asst. Executive Engineer
Byatarayanapura Sub division

Scanned with CamScanner